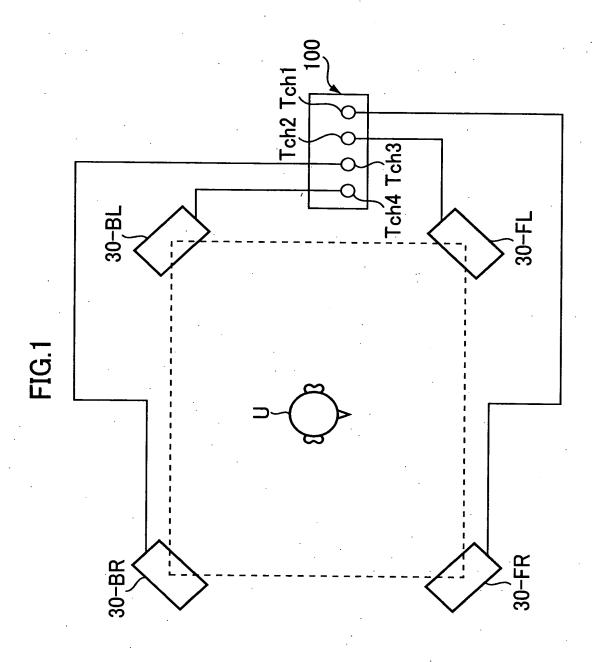
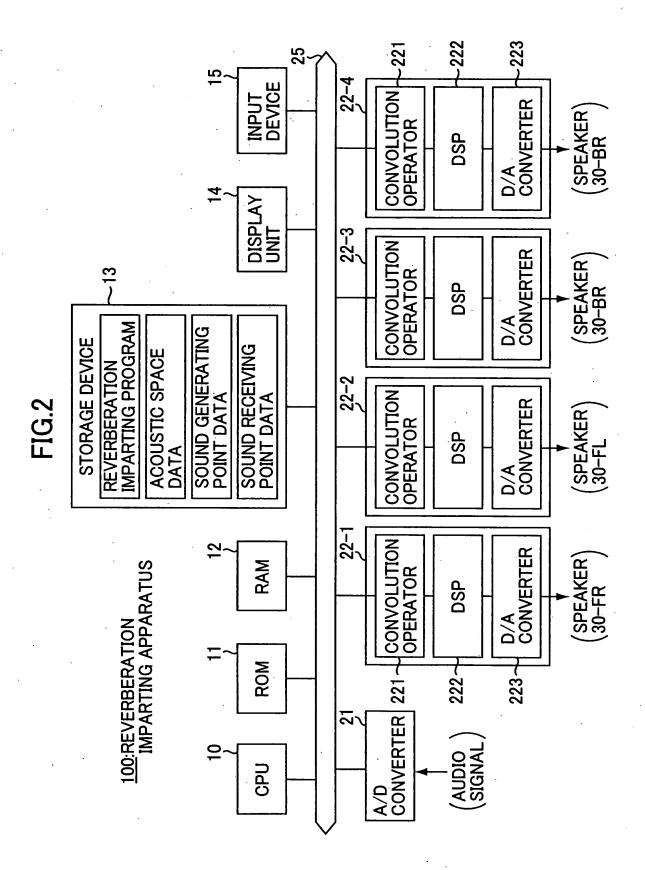
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FIG.3 (a)

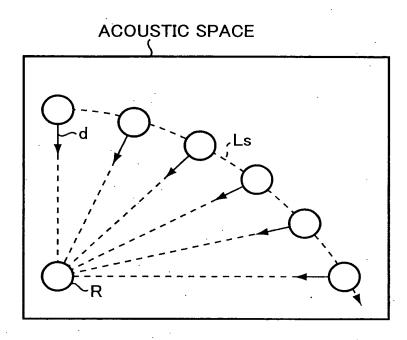
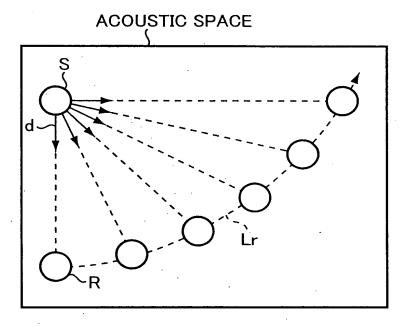


FIG.3 (b)



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FIG.4 (a)

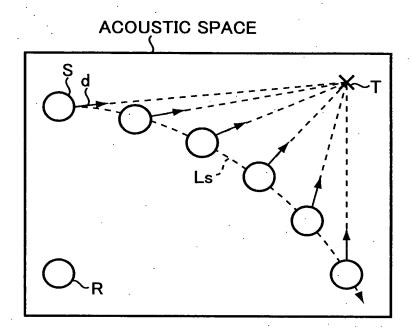
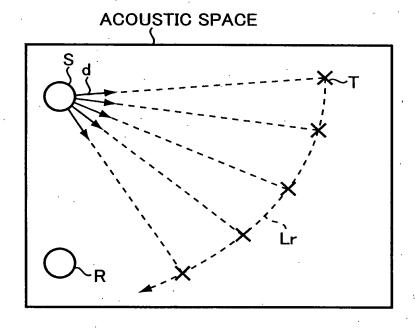


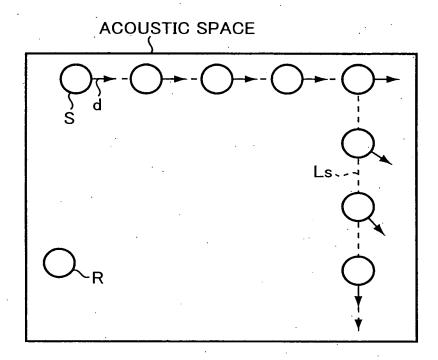
FIG.4 (b)



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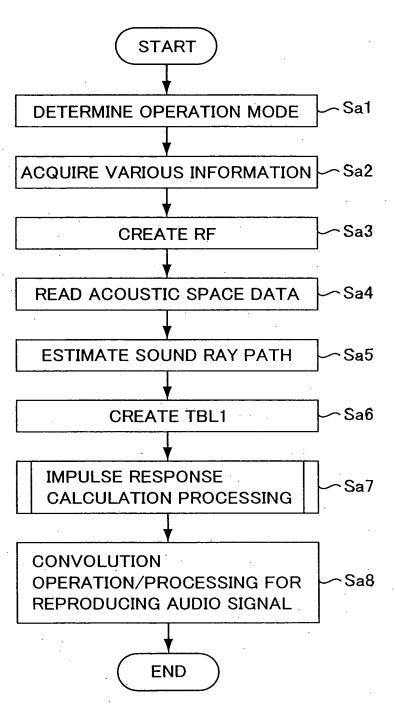
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FIG.5



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FIG.6



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FIG.7

| ACOUSTIC SPACE | XX CONCERT HALL |
|---------------------------------------|-----------------|
| KIND OF SOUND GENERATING POINT | TRUMPET |
| POSITION OF SOUND GENERATING POINT | (Xs,Ys,Zs) |
| ORIENTATION OF SOUND GENERATING POINT | (Xsd,Ysd,Zsd) |
| KIND OF SOUND RECEIVING POINT | HUMAN BEING |
| POSITION OF SOUND RECEIVING POINT | (XR,YR,ZR) |
| ORIENTATION OF SOUND RECEIVING POINT | (XRd,YRd,ZRd) |
| POSITION OF TARGET POINT | (Хт,Үт,Ζт) |

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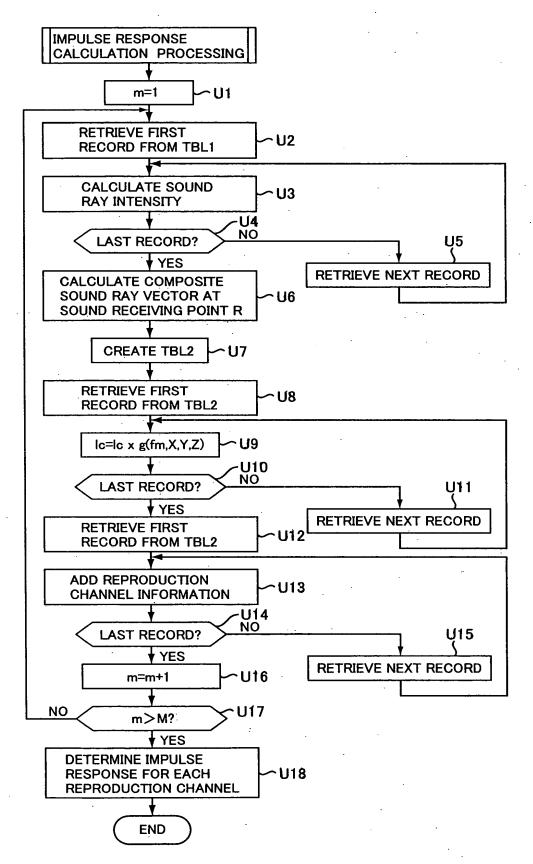
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| REFLECTION ATTENUATION | dı | d2 | • • • |
|---------------------------|---------------|---------------|-------|
| NUMBER OF REFLECTIONS | 1 | 2 | • • • |
| REACHING DIRECTION | (Xa1,Ya1,Za1) | (Xa2,Ya2,Za2) | • • • |
| EMITTING DIRECTION | (Xrı,Yrı,Zrı) | (Xrz,Yrz,Zrz) | • • • |
| RAY ENGTH | | 2 | |

FIG.8

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FIG.9



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FIG.10

TBL2

| REVERBERATION DELAY TIME | COMPOSITE SOUND RAY INTENSITY | COMPOSITE REACHING DIRECTION |
|-----------------------------|-------------------------------------|--|
| 3msec | lci | (Xc1, Yc1, Zc1) |
| 3.2msec | l C2 | (Xc ₂ , Yc ₂ , Zc ₂) |
| • | • | • |
| | | |

FIG.11

TBL2

| REVERBERATION DELAY TIME | COMPOSITE SOUND RAY INTENSITY | COMPOSITE REACHING DIRECTION | REPRODUCTION CHANNEL INFORMATION |
|-----------------------------|-------------------------------------|------------------------------------|--|
| 3msec | l cı | (Xc1, Yc1, Zc1) | REPRODUCTION CHANNEL[1] |
| 3.2msec | l C2 | (Xc2, Yc2, Zc2) | REPRODUCTION CHANNEL[3] |
| • | • | • | • |
| • | • | • | • |

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FIG.12

